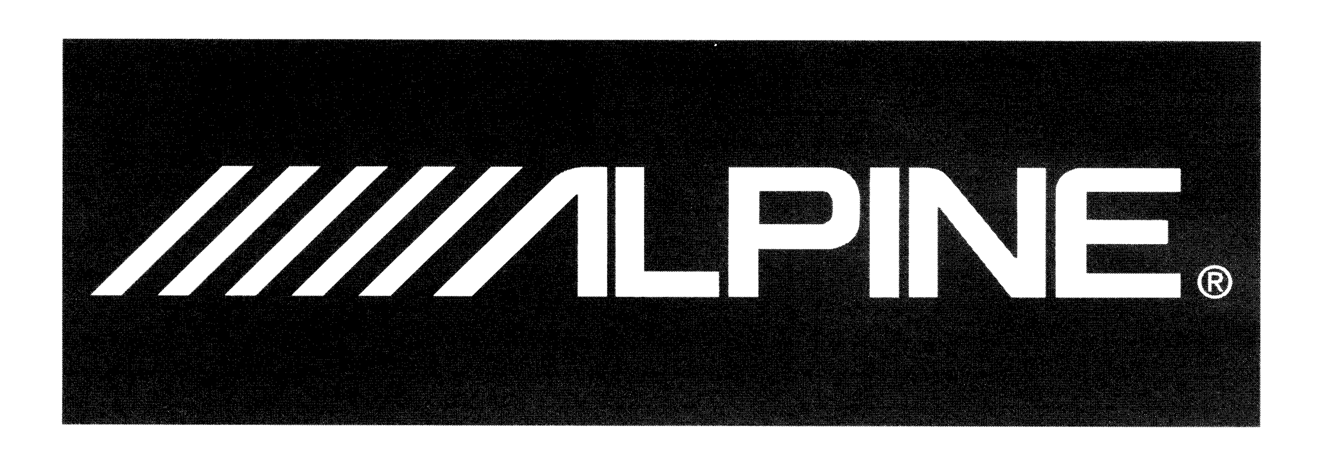


TYPE-E SUBWOOFER
HAUT-PARLEUR D'EXTRÊMES GRAVES TYPE-E
APPLICATION GUIDE
GUIDE D' APPLICATION

SWE-1243

12 Inch Single Voice Coil Subwoofer (4Ω)
Haut-parleur d'extrêmes graves à single bobine 12 po (4Ω)

SWE-1043

10 Inch Single Voice Coil Subwoofer (4Ω)
Haut-parleur d'extrêmes graves à single bobine 10 po (4Ω)

Subwoofer Features and Specifications

		Type-E SWE-1043D	Type-E SWE-1223D
Features			
Size		10"	12"
Power Handling (RMS/peak)		250W/700W	250W/700W
Power Range (RMS)		100W-250W	250W
Frequency Response (Hz)		29Hz-1000Hz	27Hz-1000Hz
Diaphragm	Material	Woven Fiber w / Kevlar Reinforced Pulp	
	Design	2-piece Parabolic	
Surround	Material	Injection Molded Santoprene®	
	Design	High Excursion Tapered Half-Roll	
Spider	Material	Nomex®	
	Design	Progressive	
Voice Coil	Material	180°C High Temp Wire on Aluminum Bobbin	
	Design	4-Layer Single Voice Coil	
Motor Structure	Pole Geometry	FEA Optimized Design w/ Compound Radii	
	Configuration	Airflow Optimized Extended/Vented Pole	
Frame	Material	Custom High Strength Steel	
	Design	5 Leg w/ Voice Coil Venting	
Terminals	Layout	One Side	
	Design	Heavy Duty 8ga. Push	
Tinsel Leads	Design	16ga. Stranded Leads, Insulated	
Gasket	Design	Concealed Mount Gasket System	
Enclosure Information			
Mounting Depth		135 mm (5.3")	143 mm (5.6")
Mounting Diameter - Front Mount		228 mm (9")	270 mm (10.6")
Displacement - Front Mount**		0.055 ft^3	0.075 ft^3
Added Volume - Reverse Mount (magnet out)**		0.061 ft^3	0.087 ft^3
Recommended Enclosure Alignments		Sealed, Vented, Bandpass	
Sealed Box Volume Range (Gross)		0.75-1.5 ft^3	1.0-2.0 ft^3
Optimum Sealed Box	External Box Dimensions	13-1/4" x 13-1/4" x 11-7/8"	14-1/4" x 14-1/4" x 12-5/8"
	Gross Internal Volume	1.0 ft^3	1.25 ft^3
	Net Internal Volume**	0.945 ft^3	1.175 ft^3
	F_3, Q_{tc}	40Hz, 0.91	40Hz, 1.04
Vented Box Volume Range (Gross)		1.0-2.0ft^3	1.25-2.5 ft^3
Optimum Vented Box	External Box Dimensions	16-1/2" x 12-1/2" x 15-1/2"	18-1/2" x 13" x 16-3/4"
	Gross Internal Volume	1.35 ft^3	1.74 ft^3
	Vent Area (dimensions)	11" x 1-1/4"	11-1/2" x 1-1/2"
	Vent Length	22-1/2"	27"
	Vent Displacement	0.23 ft^3	0.28 ft^3
	Net Internal Volume (V_b)**	1.00 ft^3	1.25 ft^3
	F_3,ripple, F_b	31Hz, 5.6dB, 38Hz	31Hz, 5.1dB, 34Hz
Electro-Mechanical Parameters#			
Nominal Impedance		4Ω	4Ω
Frequency Response		29 - 1000Hz	27 - 1000Hz
Sensitivity (SPL@1W/1m)*		84dB	86dB
D.C Coil Resistance (Re)		3.69Ω	3.66Ω
Inductance (Le) 1kHz/20kHz		2.79/0.86 mH	2.70/0.82 mH
Free Air Resonance (Fs)		31Hz	29Hz
Equivalent Stiffness (Vas)		33L (1.16ft^3)	65L (2.29 ft^3)
Mechanical Q (Qms)		10.48	11.27
Electrical Q (Qes)		0.66	0.66
Total Q (Qts)		0.62	0.62
Linear Excursion [(Hvc-Hag)/2)], One-Way (Xmax)		11.7 mm	11.7 mm
Magnetic Linear Excursion, One-Way (Xmag)		13.9 mm	13.9 mm
Mechanical Excursion, Peak-to-Peak		44 mm	45.4 mm
Gap Height (Hag)		10 mm	10 mm
Coil Height (Hvc)		33.3 mm	33.3 mm
Cone Area (Sd)		330cm^2	485 cm^2
Voice Coil Diameter		38 mm (1.5")	38 mm (1.5")
Magnet Weight		52.9 oz	74.2 oz

Note: All specifications are subject to change without notice

All T/S parameters measured/calculated with voice coils connected in series, after break-in.

* This commonly misunderstood specification should not be used as a reference for subwoofer output capability.

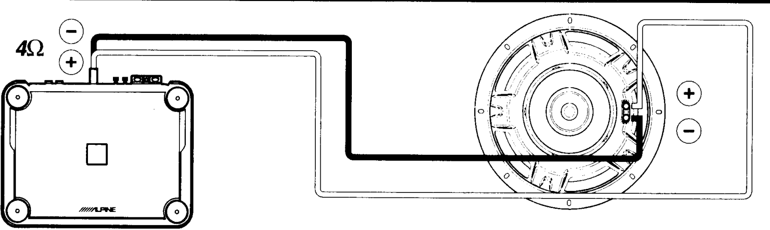
** Based upon 3/4" (19mm) baffle thickness, with opening cut approximately to gasket inner diameter



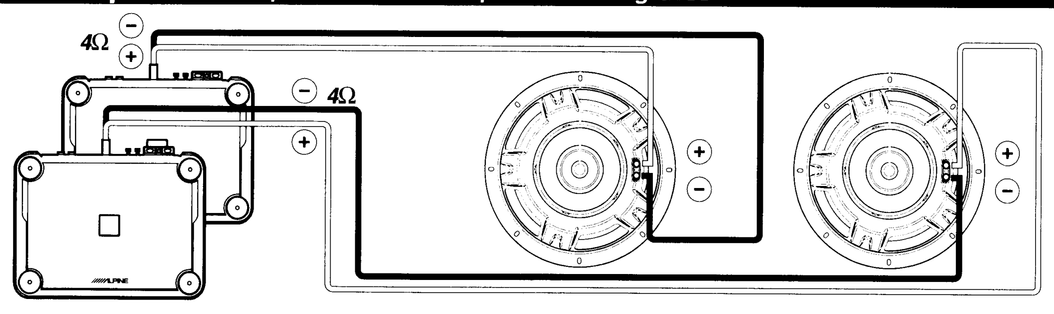
SINGLE 4Ω TYPE-E APPLICATION DIAGRAMS
SCHÉMAS D'APPLICATION - TYPE-E, SINGLE BOBINE, 4Ω

SWE-1043 / SWE-1243

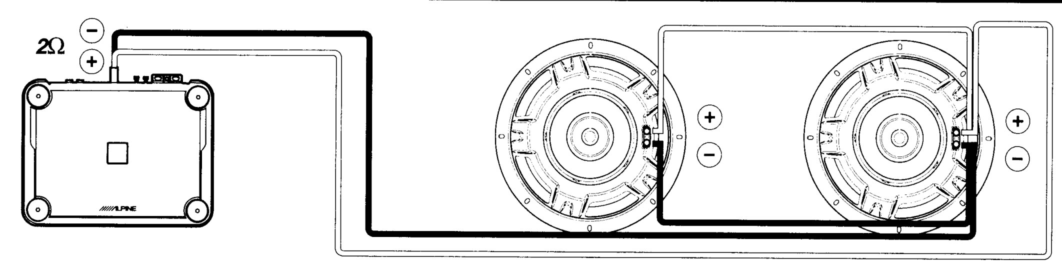
Example 1 One Amplifier and One Subwoofer
Exemple 1 1 amplificateur et 1 h.-p. d'extrêmes graves



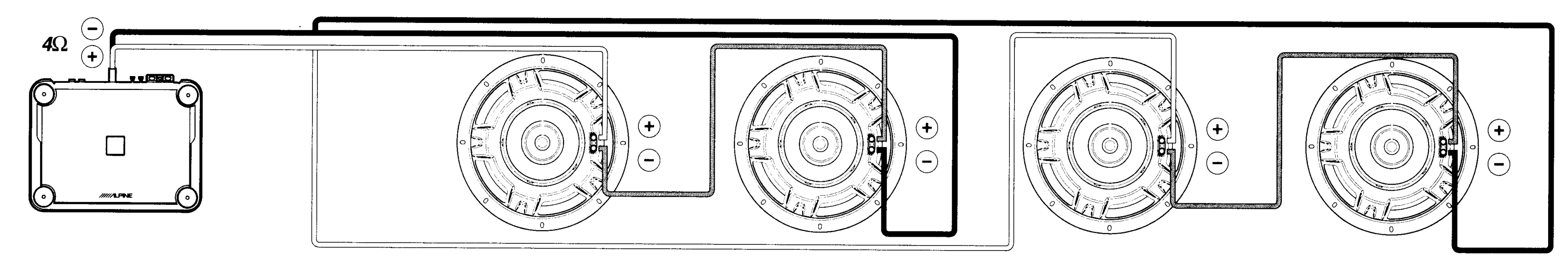
Example 2 Two Amplifiers and Two Subwoofers
Exemple 2 2 amplificateurs et 2 h.-p. d'extrêmes graves



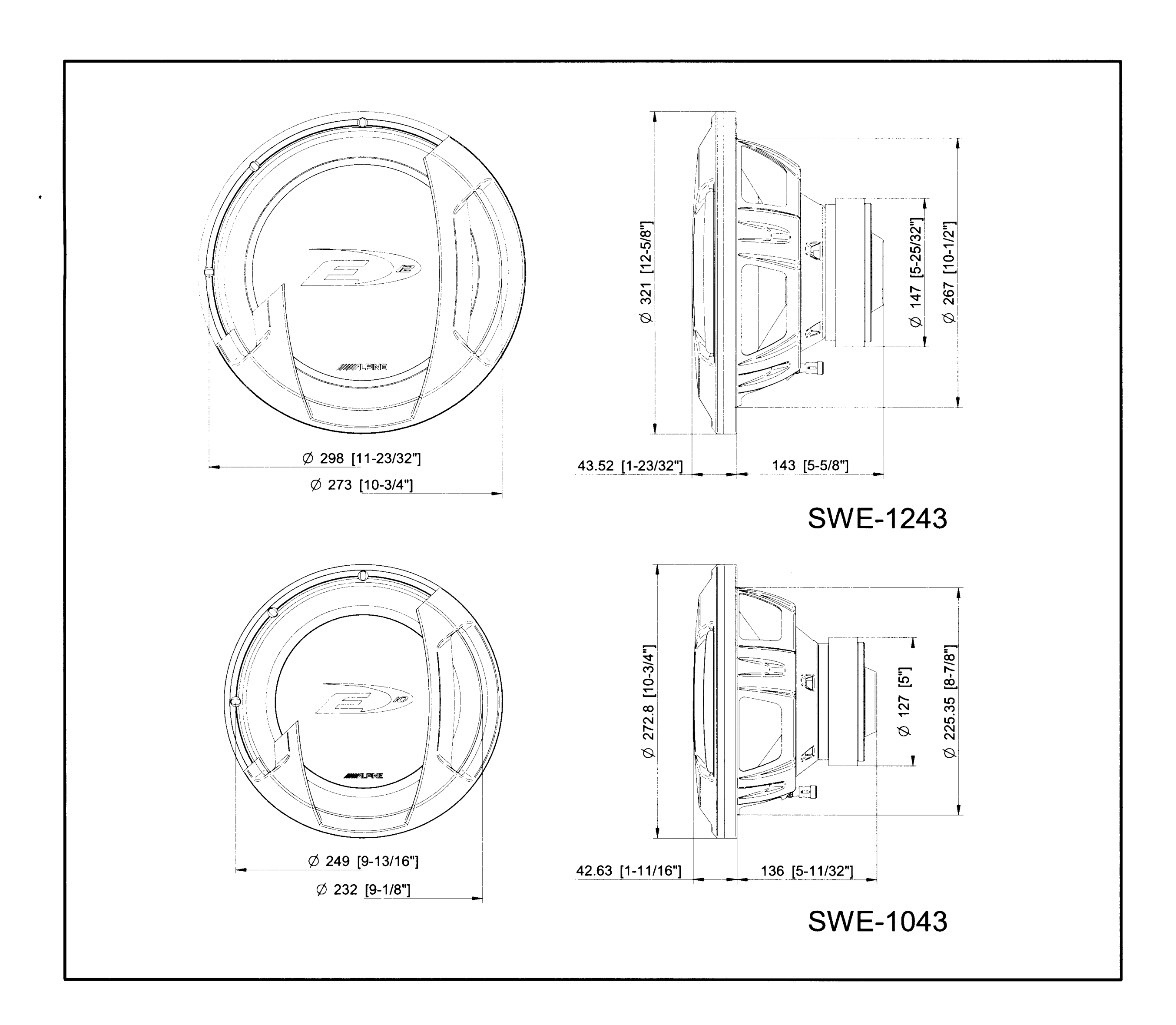
Example 3 One Amplifier and Two Subwoofers
Exemple 3 1 amplificateur et 2 h.-p. d'extrêmes graves



Example 4 One Amplifier and Four Subwoofers
Exemple 4 amplificateur et 4 h.-p. d'extrêmes graves



TYPE-E WIRING WORKSHEET
CÂBLAGE POUR TYPE-E



ALPINE®

ALPINE ELECTRONICS,INC.
Tokyo office: 1-1-8 Nishi Gotanda,
Shinagawa-ku, Tokyo 141, Japan
Tel: (03) 3494-1101

ALPINE ELECTRONICS OF AMERICA, INC.
19145 Gramercy Place, Torrance,
California 90501, U.S.A.
Tel: (310) 326-8000

ALPINE ELECTRONICS OF CANADA, INC.
777 Supertest Road, Toronto,
Ontario M3J 2M9, Canada
Tel: (416) 736-6211

ALPINE ELECTRONICS OF AUSTRALIA PTY. LTD.
6-8 Fiveways Boulevarde Keysborough,
Victoria 3173, Australia
Tel: 61 (3) 9769-0000

ALPINE ELECTRONICS DE ESPAÑA, S.A.
Portal de Gamarra 36, Pabellon 32, 01013
Vitoria (Alava). Apdo: 133,Spain
Tel: 34 (945) 283588

ALPINE ELECTRONICS GmbH
Frankfurter Ring 117, 80807 Monchen
Germany
Tel:089-32 42 640

ALPINE ELECTRONICS MANUFACTURING OF EUROPE
H-2051 Biatorbagy, orfzag ut. 2, Hungary
Tel: 36 (23) 311-923

ALPINE ELECTRONICS OF U.K., LTD.
13 Tanners Drive, Blakelands, Milton Keynes,
Mk 14 5BU, U.L.
Tel: 44 (1908) 611556

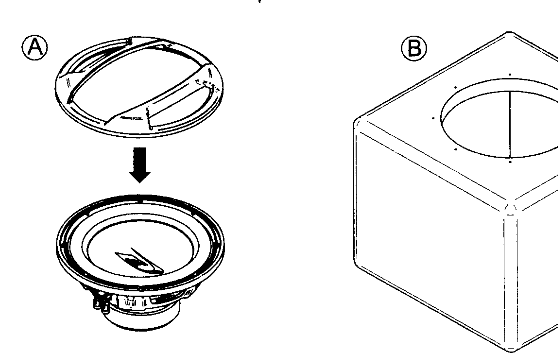
ALPINE ELECTRONICS FRANCE S.A.R.L.
98,Rue de la Bella Etoile, Z.I. Paris Nord II
B.P. 50016, 95945, Roissy, C.D.G. Cedex,
France
Tel: 33 (1) 4863-8989

ALPINE ITALIA S.p.A.
Viale C. Colombo 8, 20090 Trezzano Sul
Naviglio, Italy
Tel: 39 (02) 484781

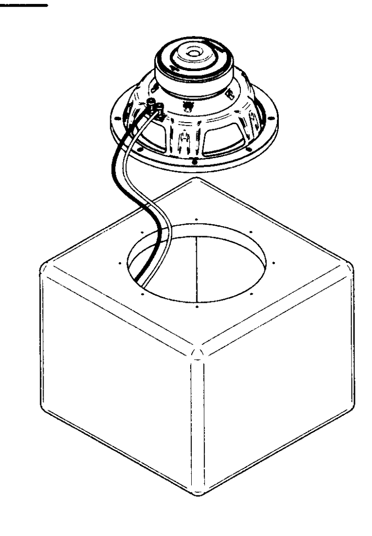
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GRILL INSTALLATION

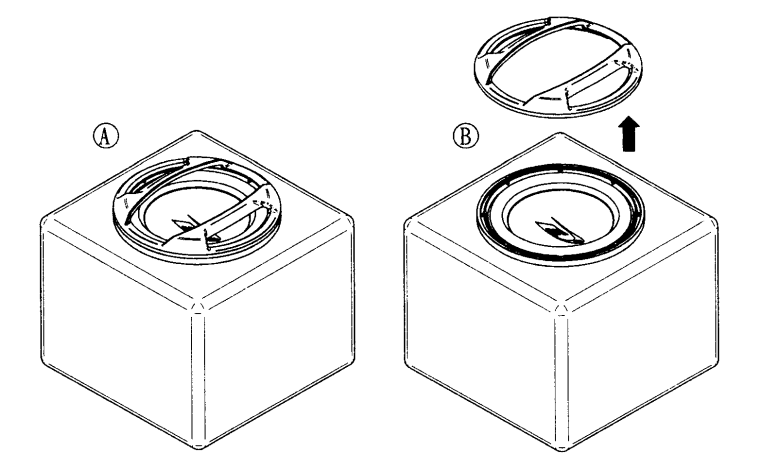
STEP 1 : A. First remove the rubber ring. Then install the grill on the speaker to properly seat gasket for installation.
B. Prepare the cabinet.



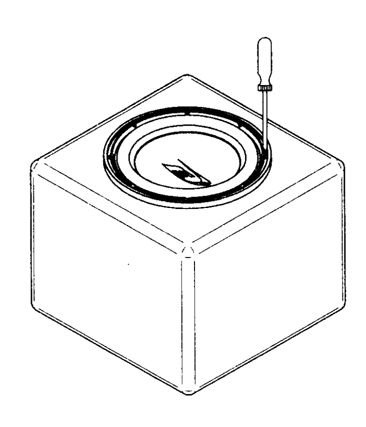
STEP 2 : Connect the electric wires.



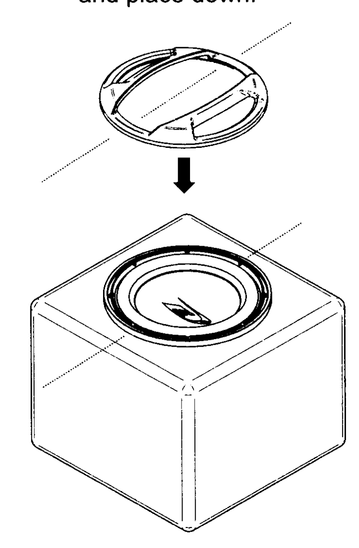
STEP 3 : A. Set the speaker into the cabinet.
B. Carefully remove the grill.



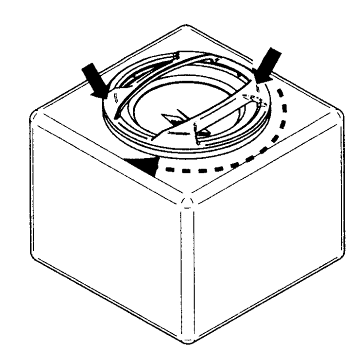
STEP 4 : Screw down the speaker.



STEP 5 : Center the grill along the vertical axis of the speaker and place down.



STEP 6 : Press down on the grill evenly on opposite sides. Then press down around the perimeter to fully seat the grill.





IMPORTANT NOTICE!
PLEASE READ FIRST BEFORE INSTALLING SPEAKERS

Congratulations on your purchase of high quality speakers from Alpine. Your listening satisfaction is important to us. In order to maximize and maintain peak speaker performance the following guidelines are being provided. Please read this notice carefully before operating the speakers.

1. **Do not over-drive the amplifier. Over-driving the amplifier will result in distortion or clipping and can damage any speaker.**
2. **Make sure gain controls are properly set. (Follow instructions in amplifier owner's manual.)**
3. **Make sure that the speaker is properly rated for the amplifier.**
4. **Make sure that volume, bass, treble, equalization or crossover settings do not cause the amplifier to over-drive.**

Failure to follow these guidelines may result in burned or damaged speaker voice coils which will void your warranty.

If further assistance is necessary, please contact your Alpine authorized dealer.

68-00493Z64-A (Y)



¡AVIS IMPORTANT!
À LIRE AVANT L'INSTALLATION

Nous vous félicitons d'avoir acheté des haut-parleurs de haute qualité Alpine. Comme votre satisfaction auditive nous tient à coeur, voici des consignes pour maximiser et maintenir la performance. Veuillez les lire attentivement avant d'utiliser le haut-parleur d'extrêmes graves.

1. Il faut connecter les deux bobines acoustiques. Voir les exemples de câblage du guide d'utilisation.

2. Ne pas surcharger l'amplificateur : cela causerait de la distorsion ou de l'écrêtage et pourrait endommager tout haut-parleur.

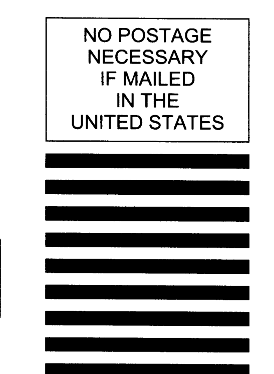
3. Veiller à bien régler les commandes de gain. (Suivre les indications du guide d'utilisation de l'amplificateur.)

4. S'assurer que les caractéristiques du haut-parleur conviennent à l'amplificateur.

5. S'assurer que le réglage du volume, des graves, des aiguës, de l'égaliseur et du filtre ne surcharge pas l'amplificateur.

Si vous ne suivez pas ces consignes, les bobines acoustiques du haut-parleur pourraient griller ou subir d'autres dommages, ce qui annulerait votre garantie.

Pour obtenir de l'aide supplémentaire, veuillez contacter votre détaillant Alpine autorisé.



BUSINESS REPLY MAIL

FIRST-CLASS MAIL PERMIT NO. 320 TORRANCE CA

POSTAGE WILL BE PAID BY ADDRESSEE

ATTENTION MARKETING SERVICES
ALPINE ELECTRONICS OF AMERICA INC
PO BOX 2859
TORRANCE CA 90509-9939

↑ FOR USE IN USA, PLEASE FOLD HERE AND ENSURE THAT AMERICAN ADDRESS FACES UP.

↓ FOR USE IN CANADA, PLEASE FOLD HERE AND ENSURE THAT CANADIAN ADDRESS FACES UP.



IBRS/CCRI No. 320

NO POSTAGE NECESSARY IF MAILED TO THE UNITED STATES

NE PAS AFFRANCHIR



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ALPINE ELECTRONICS
19145 GRAMERCY PL
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UNITED STATES OF AMERICA

SEAL HERE

ALPINE. Customer Care Registration

For easy on-line registration, go to "www.alpine-usa.com/registration"

Thank you for choosing Alpine! Please register your product with us so we can serve you better.

First name: ____________________

Last name: ____________________

Home address: ____________________
Street address

____

City ________ State/Prov. ________ Zip Code ________

May we contact you at this address? 1.☐ Yes 2.☐ No

Phone number: (   ) ____________________

May we contact you at this number? 1.☐ Yes 2.☐ No

E-mail Address: ____________________

May we contact you by e-mail? 1.☐ Yes 2.☐ No

Gender 1.☐ Male 2.☐ Female

Date of Birth Month: ________ Year: ________

Marital Status 1.☐ Single 2.☐ Married

Which ethnicity best describes yourself:

1. ☐ Caucasian
2. ☐ Hispanic
3. ☐ African-American
4. ☐ Asian
5. ☐ Other ________

Your highest level of education completed:

1. ☐ High School Student
2. ☐ High School Graduate
3. ☐ 2 Yr. Degree/Some College
4. ☐ Completed 4 Yr. College
5. ☐ Completed Graduate School

SWE-1043 803
SER.NO.[redacted]
CE

Product purchased

1. ☐ Cassette Player
2. ☐ CD Player
3. ☐ MD Player
4. ☐ DVD Player
5. ☐ CD Changer
6. ☐ Amplifier
7. ☐ Speaker
8. ☐ Subwoofer
9. ☐ Monitor Controller
10. ☐ Video Monitor
11. ☐ Navigation
12. ☐ Mobile Mayday
13. ☐ Video Tape Player
14. ☐ Processor/Equalizer
15. ☐ Security
16. ☐ Other ________

Model Number: ____________________

Serial Number: ____________________

Date of Purchase:

Month: ________ Year: ________

If navigation system, which monitor?

1. ☐ Alpine → (Model No.) ________
2. ☐ Other → (Brand Name) ________

Purpose of buying this unit?

1. ☐ Addition
2. ☐ Replacement → ***Previous brand replaced?**
   1. ☐ Factory installed
   2. ☐ Alpine
   3. ☐ Other ________

Have you purchased Alpine products before?

1. ☐ First time 2. ☐ Two or more times

When you purchased this Alpine unit, did you compare it with other brands?

1. ☐ Yes 2. ☐ No.

↓

(Brand Name) ________

Which of the following statements best describes you?

1. ☐ I usually have more electronic equipment than my friends
2. ☐ I am usually one of the first of my friends to buy the newest electronic equipment
3. ☐ I usually wait until a product has been out for a while before I purchase it
4. ☐ I am usually on of the first of my friends to know about the newest car
5. ☐ I usually know more about cars than my friends

Occupation

1. ☐ Executive/Managerial
2. ☐ Secretarial/Clerical
3. ☐ Sales
4. ☐ General Labor
5. ☐ Professional
6. ☐ Engineering/Technical
7. ☐ Farming/Fishing
8. ☐ Retired
9. ☐ Student
10. ☐ Other________

Household Income

1. ☐ Less than $30,000
2. ☐ $30,000 - $50,000
3. ☐ $50,000 - $70,000
4. ☐ $70,000 - $90,000
5. ☐ $90,000 - $110,000
6. ☐ Over $110,000

Type of vehicle in which this unit is installed.

Make: ________ Model: ________

Purchased Year: ________ Model Year: ________

How was this vehicle purchased?

1. ☐ Bought 2. ☐ Leased

SEAL HERE

Thank you for your cooperation! We value your privacy. This information will remain confidential with Alpine and its affiliates.

Customer Care Registration is for Product registration.
Failure to complete and return this card does not diminish your warranty rights.

PART NO. 68P04190K17-A



GARANTIE LIMITÉE

Fidèles à leur engagement de ne fournir que des produits de qualité, ALPINE ELECTRONIQUE DE L'AMERIQUE INC. et ALPINE ELECTRONIQUE DU CANADA INC. (Alpine) sont heureuses de vous offrir cette garantie. Nous vous suggérons de le lire attentivement et en entier. Si vous avez la moindre question, veuillez contacter l'un de nos concessionnaires ou appeler directement Alpine au numéros Liste ci-dessous.

●PRODUITS COUVERT PAP LA GARANTIE

Cette garantie couvre les produits audio pour l'auto et les accesoires correspondants. Elle ne couvre les produits que dans le pays où il ont été achetés.

●DURÉE DE LA GARANTIE

Cette garantie est en vigueur pendant un an à partir de la dete du premier achat du client.

●GARANTIE À VIE DES TÊTES DE LECTURE DES MAGNÉTOPHONES À CASSETTES

Toutes les têtes de lecture des magétophones à cassettes analogiques pour l'auto Alpine sont garanties à vie contre les défauts de fabrication qui provoquent un panne.

●GARANTIE À VIE DES CONNECTEURS DE SUPPORT À DÉCLENCHEMENT RAPIDE

Tous les connecteurs de support à déclenchement rapide des produits audio pour l'auto Aipine sont garantis à vie contre les défauts de fabrication qui provoquent un panne.

●PEESONNES PROTÉGÉES PAR LA GARANTIE

Seul l'acheteur original du produit, s'il résisde aux Ètats-Unis, à Porto Rico ou au Canada, peut se prévaloir de la garantie.

●CE QUI EST COUVERT

Cette garantie couvre tous les défauts de matériaux et de fabrication (pièces et main d"oeuvre) du produit.

●CE QUI N'EST PAS COUVERT

Cette garantie ne couvre pas ce qui suit:

① Les dommages survenus durant le transport des produits renvoyés à Alpine pour être réparés (les réclamations doivent être adressées au transporteur);

② Les dommages causés par un accident ou un mauvais traitement, y compris une bobine acoustique grillée par la surcharge du haut-parleur (par ex. amplificateur réglé à un niveau élevé provoquant la distorsion ou l'écrêtage), et les bris mécaniques du haut-parleur (par ex. perforation, accroc ou déchirure).

③ Lse dommages dus à la force majeure, notamment aux tremblements de terre, au feu, aux inondations, aux tempêtes ou aux autyes cataclyames naturels;

④ Les frais ou les dépenses relatifs à l'enlèvement ou à la réinstallation du produit;

⑤ Les services rendus par une personne, physique ou morale non autorisée;

⑥ Les produits dont le numéro de série a été effacé, modifié ou retiré;

⑦ Les produits qui ont été adaptés ou modifiés sans le consentement d'Alpine;

⑧ Les produits qui ne sont pas distribués par Alpine aux Etats-Unis, à Porto Rico ou au Canada;

⑨ Les produits qui n'ont pas été achetés par l'entremise d'un concessionnaire Alpine autorisé;

●COMMENT SE PRÉVALOIR DE LA GARANTIE

① Il vous faut remettre le produit nécessitant des réparations à un centre de service autorisé Alpine ou à Alpine même et en assumer les frais de transport. Alpine a le choix entre réparer le produit ou le remplacer par un produit neuf on révisé, le tout sans frais pour vous. Si les réparations sont couvertes par la garantie et si le produit a été envoyé à un centre de service Alpine ou à Alpine, le paiement des frais de réexpédition du produit incombe Alpine.

② Vous devez donner une description détaillée des problèmes qui sont à l'origine de votre demande de réparation.

③ Vous devez joindre la preuve de votre achat du produit.

④ Vous devez emdsller soigneusment le produit pour éviter tout dommage durant son transport.Pour prévenir la perte du colis, nous recommandons un transporteur offrant un service de localisation.

●LIMITATION DES GARANTIES TACITES

LA DURÉE DE TOUTES LES GARANTIES TACITIES, Y COMPRIS LA GARANTIE D'ADAPTATION A L'UTILISATION ET LA GARANTIE DE QUALITÉ LOYALE ET MARCHANDE, EST LIMITÉE À CELLE DE LA GARANTIE EXPRESSE DÉTERMINÉE CI-DESSUS. PERSONNE N'EST AUTORISÉ À ENGAGER AUTREMENT LA RESPONSABILITÉ D'ALPINE EN VERTU DE LA VENTE D'UN PRODUIT.

●EXCLUSIONS DE LA GARANTIE

ALPINE STIPULE EXPRESSÉMENT QU'ELLE N'EST PAS RESPONSABLE DES DOMMAGES DOMMAGES-INTÉRÊTS ET DOMMAGES INDIRECTS PROVOQUÉS PAR LE PRODUIT. LES DOMMAGES DOMMAGES-INTÉRÊTS SONT LES FRAIS DE TRANSPORT DU PRODUIT VERS UN CENTRE DE SERVICE ALPINE, LA PERTE DE TEMPS DE L'ACHETEUR ORIGINAL, LA PERTE D'UTILISATIION DU PRODUIT, LES BILLETS D'AUTOBUS, LA LOCATION DE VOITURES ET TOUS LES AUTRES FRAIS LIÉS À LA GARDE DU PRODUIT.

LES DOMMAGES INDIRECTS SONT LES FRAIS DE RÉPARATION OU DE REMPLACEMENT D'AUTRES BIENS ENDOMMAGÉS SUITE AU MAUVAIS FONCTIONNEMENT DU PRODUIT.

LES RECDURS PRÉVUS PAR LES PRÉSENTES EXCLUENT ET REMPLACENT TOUTE AUTRE FORME DE RECOURS.

●LIEN ENTRE LA GARANTIE ET LA LOI

La garantie vous donne des droits spécifiques, mais vous pouvez aussi jouir d'autres droits, qui varient d'un état ou d'une province à l'autre. En outre, certains états et certaines provinces interdisent de limiter la durée des garanties tacites ou d'exclure les dommages accessoires ou indirects. Dans ce cas, les limites et les exclusions de la garantie peuvent ne pas s'sppliquer à vous.

●CLAUSE APPLICABLE AU CANADA SEULEMENT

Pour que la garantie soit valable, il faut qu'un centre d'installation autorisé ait installé le système audio pour l'auto dans votre véhicule et qu'il ait enauite apposé son cachet sur la garantie.

●NUMÉROS D'APPEL DU SERVICE À LA CLIENTELE

Si vous avez besoin de nos services, veuillez appeler le centre de service autorisé Aipine le plus proche.

U.S.A.	**1-800-ALPINE-1(1-800-257-4631)**
CANADA	**1-416-736-6211**

Ou visitez notre site Web : http://www.alpine-usa.com

Alpine Électronique de L'Amérique, Inc., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
Alpine Electronics of Canada, inc.,777 Supertest Road, Toronto, Ontario M3J 2M9, Canada
N'expédiez aucun produit à ces adresses.
Appelez le numéro de téléphone sans frais ou visitez le site Web pour trouver un centre de service.

54B41874W01-E



LIMITED WARRANTY

ALPINE ELECTORINCS OF AMERICA, INC. AND ALPINE OF CANADA INC.("Alpine"). are dedicated to quality craftsmanship and are pleased to offer this Warranty. We suggest that you read it thoroughly. Should you have any questions, please contact your Dealer or contact Alpine at one of the telephone numbers listed below.

●PRODUCTS COVERED:

This Warranty covers Car Audio Products and Related Accessories ("the product"). Products purchased in the Canada are covered only in the Canada. Products purchased n the U.S.A.are covered only in the U.S.A.

●LENGTH OF WARRANTY:

This Warranty is in effect for one year from the date of the first consumer purchase.

●WHO IS COVERED:

This Warranty only covers the original purchaser of the product, who must reside in the United States, Puerto Rico or Canada.

●WHAT IS COVERED:

This Warranty covers defects in materials or workmanship (parts and labor) in the product.

●WHAT IS NOT COVERED:

This Warranty does not cover the following:

① Damage occurring during shipment of the product to Alpine for repair (claims must be presented to the carrier).
② Damage caused by accident, or abuse, including burned voice coils caused by over-driving the speaker (e.g. amplifier level is turned up and driven into distortion or clipping). Speaker mechanical failure (e.g. punctures, tears or rips).
③ Damage caused by negligence, misuse, improper operation or failure to follow instructions contained in the Owner's manual.
④ Damage caused by act of God,including without limitation,earthquake,fire,fiood,storms or other acts of nature.
Any cost or expense related to the removal or reinstallation of the product.
⑤ Service performed by an unauthorized person, company or association.
⑥ Any product which has the serial number defaced,altered or removed.
⑦ Any product which has been adjusted, altered or modified without Alpine's consent.
⑧ Any product not distributed by Alpine within the United States, Puerto Rico or Canada.
⑨ Any product not purchased from an Authorized Alpine Dealer.

●HOW TO OBTAIN WARRANTY SERVICE:

① You are responsible for delivery of the product to an Authorized Alpine service Center or Alpine for repair and for payment of any initial shipping charges . Alpine will, at its opition, repair or replace the product with a new or reconditioned product without charge. If the repairs are covered bythe warranty, and if the product was shipped to an Authorized Alpine Service Center or Alpine, Alpine will pay the return shipping charges.
② You should provide a detailed description of the problem(s) for which service is required.
③ You must supply proof of your purchase of the product.
④ You must package the product securely to avoid damage during shipment. To prevent lost packages it is recommended to use a carrier that provides a tracking service.

●HOW WE LIMIT IMPLIED WARRANTIES:

ANY IMPLIED WARRANTIES INCLUDING FITNESS FOR USE AND MERCHANTABILITY ARE LIMITED IN DURATION TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE AND NO PERSON IS AUTHORIZED TO ASSUME FOR ALPINE ANY OTHER LIABILTY IN CONNECTION WITH THE SALE OF THE PRODUCT.

●HOW WE EXCLUDE CERTAIN DAMAGES:

ALPINE EXPRESSLY DISCLAIMS LIABILITY FOR INCIDENTAL AND CONSEQUENTIAL DAMAGES CAUSED BY THE PRODUCT. THE TERM "INCIDENTIAL DAMAGES" REFERS TO EXPENSES OF TRANSPORTING THE PRODUCT TO THE ALPINE SERVICE CENTER, LOSS OF THE ORIGINAL PURCHASER'S TIME LOSS OF THE USE OF THE PRODUCT, BUS FARES, CAR RENTALS OR OTHERS COSTS RELATING TO THE CARE AND CUSTODY OF THE PRODUCT. THE TERM" CONSEQUENTIAL DAMAGES "REFERS TO THE COST OF REPAIRING OR REPLACING OTHER PROPERTY WHICH IS DAMAGED WHEN THIS PRODUCT DOES NOT WORK PROPERLY. THE REMEDIES PROVIDED UNDER THIS WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHERS.

●HOWSTATE/PROVINCIAL LAW RELATES TO THE WARRANTY:

This Warranty gives you specific legal rights, and you may also have other rights which vary from state to state and province to province. in addition, some states/provinces do not allow limitations on how long an implied warranty lasts, and some do not allow the exclusion or limitation of incidental or consequential damages. Accordingly, limitations as to these matters contained herein may not apply to you.

●IN CANADA ONLY:

This Warranty is not valid unless your Alpine car audio product has been installed in your vehicle by an Authorized Installation Center, and this warranty stamped upon installation by the installation center.

●HOW TO CONTACT CUSTOMER SERVICE:

Should the product require service, please call the following number for your nearest Authorized Alpine Service Center.

U.S.A.	**1-800-ALPINE-1(1-800-257-4631)**
CANADA	**1-416-736-6211**

Or visit our website at: http://www.alpine-usa.com

Alpine Electronics of America, Inc., 19145 Gramercy Place, Torrance, California 90501, U.S.A.
Alpine Electronics of Canada, Inc.,777 Supertest Road, Toronto, Ontario M3J 2M9, Canada
Do not send products to these addresses.
Call the toll free telephone number or visit the website to locate a service center.

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